

FIG.2

27

28

25

24

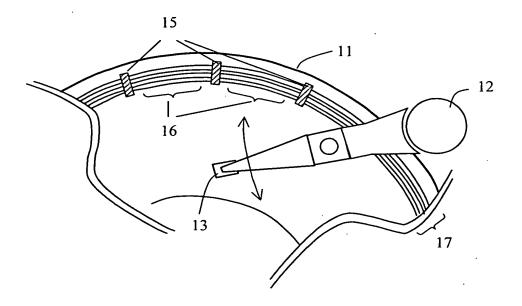
23

22

21

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FIG.3



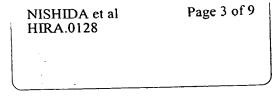
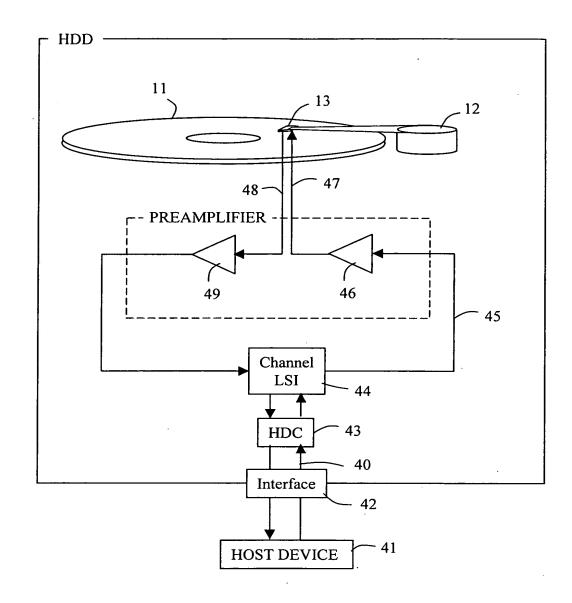
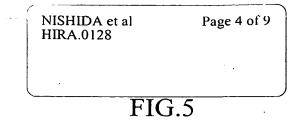


FIG.4





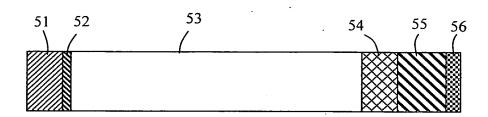
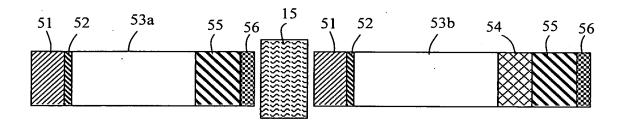
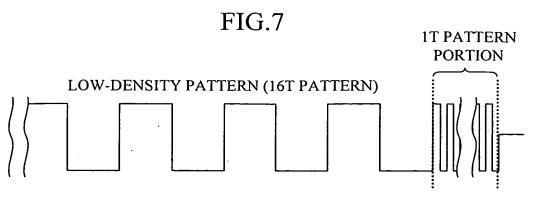
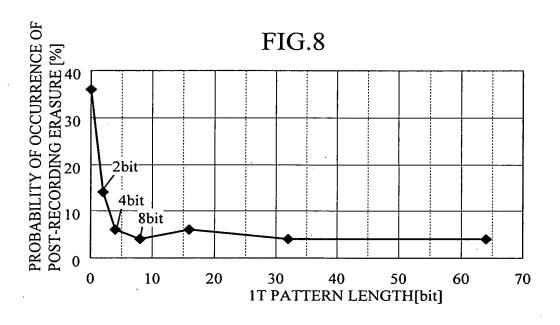


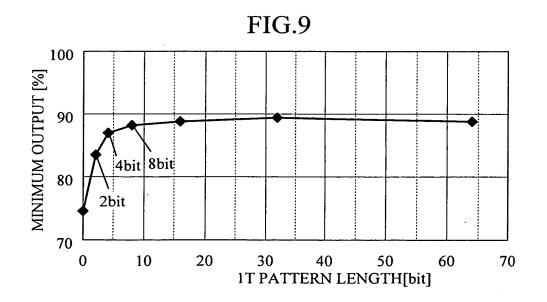
FIG.6





T: MINIMUM BIT LENGTH (42 nm IN PRESENT EXPERIMENT)





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FIG.10

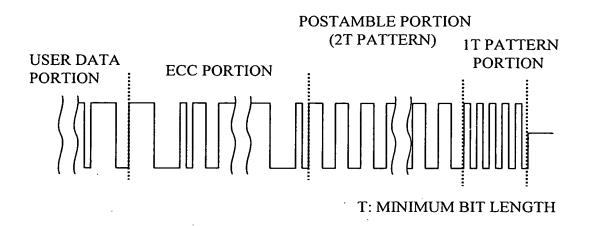
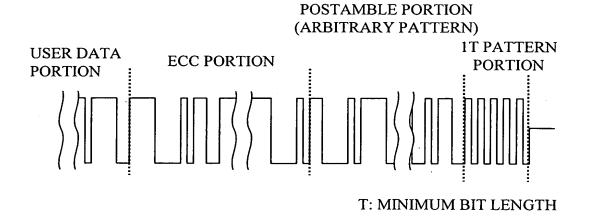


FIG.11



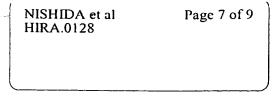
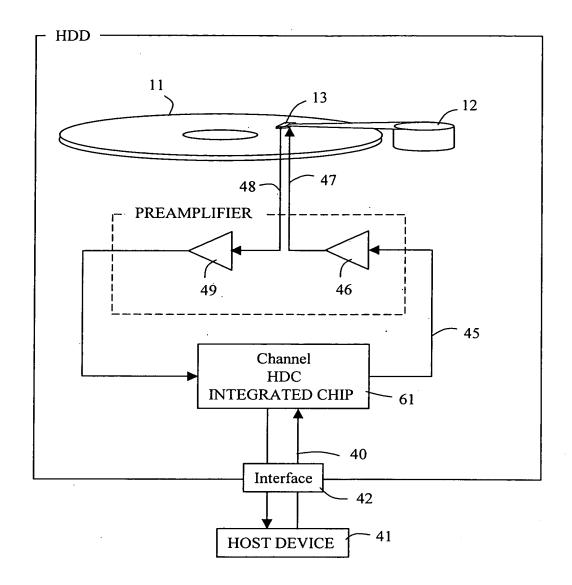


FIG.12



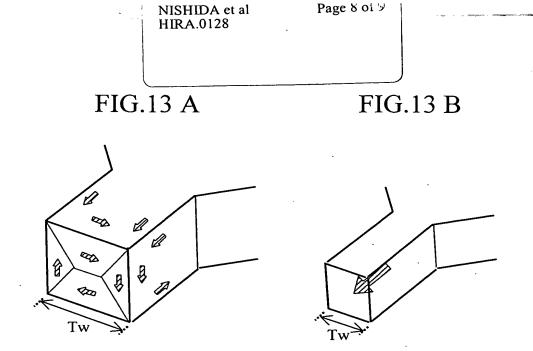
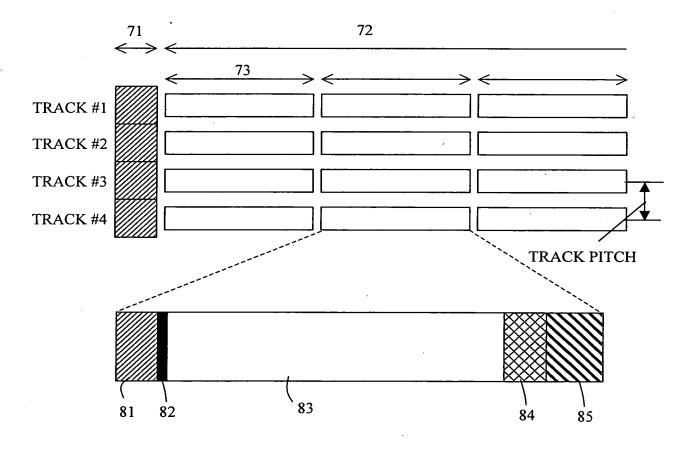


FIG.14



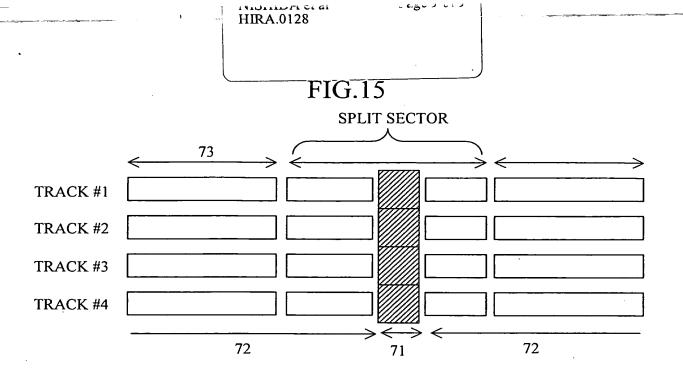
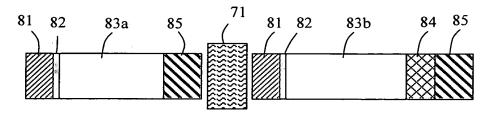


FIG.16



CLOCK

RECORDING PATTERN IN A SECTOR BLOCK

T: MINIMUM BIT LENGTH